試驗報告
Test Report

號碼(No.) : KU/2020/40042A-01　　日期(Date) : 2020/04/23　頁數(Page) : 1 of 4

台灣化學纖維股份有限公司
FORMOSA CHEMICALS & FIBRE CORPORATION
嘉義縣新港鄉中洋村中洋工業區1號
NO.1, CHUNG YANG INDUSTRIAL DISTRIC, SHENGGUNG TOWNSHIP, CHIAYI COUNTY 616, TAIWAN (R.O.C.)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as):

送樣廠商(Sample Submitted By)	:	臺灣化學纖維股份有限公司 (FORMOSA CHEMICALS & FIBRE CORPORATION)
樣品名稱(Sample Description)	:	NYLON 6
樣品型號(Style/Item No.)	:	SUNYLON NYLON 6 CHIP(耐隆6粒)
樣品材質(Sample Material)	:	NYLON 6
收件日期(Sample Receiving Date)	:	2020/04/10
測試期間(Testing Period)	:	2020/04/10 TO 2020/04/21

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測試需求(Test Requested) :

客戶指定依據美國聯邦法規之藥物暨食品管理(FDA) 21 CFR 177.1500 Nylon 6進行測試. 測試項目請參閱測試結果表格. / As specified by client, the sample(s) was/were tested according to U.S. Food and Drug Administration (FDA) 21 CFR 177.1500 Nylon 6 to conduct test. Please refer to result table for testing item(s).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

報告簽署人/張伯睿 博士/技術經理
Ray Chang, Ph.D./Manager -Tech
Signed for and on behalf of
SGS Taiwan Limited
化學實驗室-高雄/Chemical Laboratory-Kaohsiung

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測試結果(Test Results)

測試部位(PART NAME)No.1 : 白色塑膠片 (WHITE PLASTIC SHEET)

通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result) No.1	限值 (Limit)
最大可萃取量 (水, 迴流, 8小時) / Maximum extractable fraction (water, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2019). / According to US FDA 21 CFR 177.1500 (2019).	0.05	0.417	1
最大可萃取量 (95%乙醇, 迴流, 8小時) / Maximum extractable fraction (95% ethyl alcohol, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2019). / According to US FDA 21 CFR 177.1500 (2019).	0.05	0.601	2
最大可萃取量 (乙酸乙酯, 迴流, 8小時) / Maximum extractable fraction (ethyl acetate, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2019). / According to US FDA 21 CFR 177.1500 (2019).	0.05	n.d.	1
最大可萃取量 (苯, 迴流, 8小時) / Maximum extractable fraction (benzene, reflux, 8 h)	%	依據美國FDA 21 CFR 177.1500 (2019). / According to US FDA 21 CFR 177.1500 (2019).	0.05	n.d.	1
在沸騰的4.2N HCl中的溶解性 / Solubility in boiling 4.2N HCl	-	依據美國FDA 21 CFR 177.1500 (2019). / According to US FDA 21 CFR 177.1500 (2019).	-	Dissolves in 1 hour	在1小時內溶解 / Dissolves in 1 hour
熔點 / Melting point (▲)	°F	依據美國FDA 21 CFR 177.1500 (2019)，以熱示差掃描卡量計分析. / According to US FDA 21 CFR 177.1500 (2019), analysis was performed by Differential Scanning Calorimetry.	-	426.56	392~446

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備註(Note):

1. 0.1wt% = 1000ppm；mg/kg = ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected = below MDL (未檢出 / 低於MDL)
4. "-" = Not Regulated (無規格值)
5. (▲):此項目轉包予台灣檢驗科技股份有限公司材料暨工程實驗室-高雄進行測試. / The testing item was subcontracted to SGS Taiwan Ltd. Material & Engineering Laboratory - Kaohsiung.
6. 此為2020/04/22所發行KU/2020/40042之加發報告，原始資料請參考KU/2020/40042. (This is the additional test report of KU/2020/40042 which was issued on 2020/04/22. Please refer to KU/2020/40042 for original information.)

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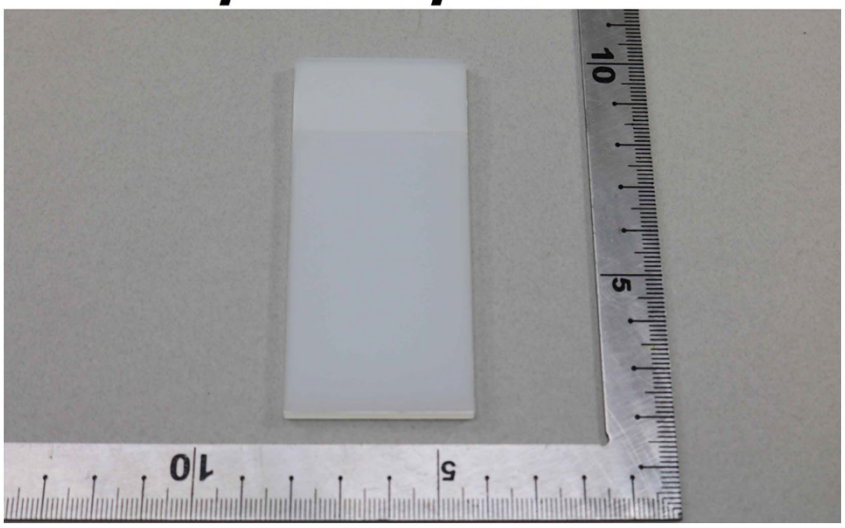
＊ 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ＊
(The tested sample / part is marked by an arrow if it's shown on the photo.)

KU/2020/40042



** 報告結尾 (End of Report) **